

All Bachelor Programs require a minimum of 128 credits and a 2.00 cumulative average.

BS MATHEMATICS		Actuarial Science Concentration		NAMS
Academic Year 2019-2020		80 Program Credits		
The following 35 credits must be earned with a "C" or higher		4000 Level courses (required):		
MATH 2215 Calculus I	(5)	MATH 4432 Complex Analysis	(4)	
MATH 2216 Calculus II	(5)	MATH 4451 Probability & Statistics I	(4)	
MATH 2217 Calculus III	(5)	MATH 4452 Probability & Statistics II	(4)	
MATH 3328 Differential Equations	(4)	MATH 4461 Numerical Analysis	(4)	
MATH 3323 Linear Algebra	(4)	Cognate Choices: Consults with your MATH preceptor for choices from PHYS, CSIS, ECON, MATH, MARS or GNM 2161, 2113, 3149 or 2245		
MATH 3325 Foundations of MATH	(4)	Choose MATH/Cognate courses to equal 80 total program credits		
MATH 4600 Math Seminar	(1)	MATH 2225 Discrete Mathematics	(4)	
MATH Seminar	(1)	GNM 3149 Mathematics of Finance	(4)	
PHYS 2220/25 Physics I with lab	(6)	ECON 1200 Introduction to Macroeconomics	(4)	
PHYS 2230/35 Physics II with lab	(6)	ECON 1400 Introduction to Microeconomics	(4)	
CSIS 2101 Programming & Problem Solving I	(4)	MATH/Cognate	(4)	
<b>GENERAL STUDIES REQUIREMENTS:</b>		<b>48 Total Credits</b>		
No more than 12 credits in any "G" category may be applied towards the BS degree.		<b>32 Credits</b>		
GEN General Interdisciplinary		GNM General Natural Science & Math		
GIS-General Integration & Synthesis (Jr./Sr. yr.)		GNM		
GAH General Arts & Humanities		GSS General Social Science		
GAH		GSS		
<b>AT SOME DISTANCE Electives - Courses unrelated to your major</b>		<b>16 Credits</b>		
ACCT 2110 Financial Accounting	(4)	FINA 3110 Intro to Financial Mgmt	(4)	
ACCT 2120 Managerial Accounting	(4)	FINA 3120 Financial Mgmt II	(4)	
<b>GENERAL STUDIES OUTCOME REQUIREMENT: These courses are listed as attributes and should be completed within the 128 credits needed to graduate.</b>				
(A) Arts		(V) Values/Ethics		
(H) Historical Consciousness		(I) International/Multicultural		
<b>GENERAL STUDIES WRITING REQUIREMENT: (4 courses)</b>				
Two W1 courses may be in transfer. W2 courses must be taken at Stockton.				
W1	W1/W2	W1/W2	W1/W2 at 3000 Level	
<b>GENERAL STUDIES QUANTITATIVE REASONING REQUIREMENT: (3 courses)</b>				
Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton.				
Q1	Q2	Q1 or Q2		
Prerequisites must be met, check course description on the web.				

"The student is responsible for insuring that all graduation requirements are met" (Bulletin). Consult with your preceptor and/or the Center for Academic Advising on a regular basis.